

Amendments

Please amend the claims as follows:

Claim 17. (new) A system for remote measurements, the system comprising:

- (a) a measuring device, wherein the measuring device comprises a communication module for wirelessly transmitting measured parameters and receiving data and instructions;
- (b) a portable wireless gateway, wherein the portable wireless gateway comprises a wireless module for wirelessly communicating with the measuring device and a computer interface module for communicating with a computer;
- (c) a computer (PC) with a standard port to which the portable wireless gateway is connected to;

Claim 18. (new) The system of claim 17, further comprising

- (d) a central server being operative to communicate with the PC and to store and analyze measured data; and
- (e) a computer network between the computer (PC) and the central server for carrying the communication between the two.

Claim 19. (new) The system of claim 17, wherein the measuring device measures at least one medical parameter of the at least one user

Claim 20. (new) The system of claim 17, wherein the portable wireless gateway is in a shape of a USB flash disc device.

Claim 21. (new) The system of claim 17, wherein the portable wireless gateway stores personal information of a user of the system.

Claim 22. (new) The system of claim 21, wherein the personal information stored in portable wireless gateway is used for at least one function selected from a group consist of: authentication and encryption

Claim 23. (new) The system of claim 21, wherein the personal information contains medical data of the user

Claim 24. (new) The system of claim 17, wherein the portable wireless gateway emulates a USB flash memory disk device

Claim 25. (new) The system of claim 24, wherein the portable wireless gateway stores the software that will be used by the PC for operating the system.

Claim 26. (new) The system of claim 25, wherein the computer (PC) operate the software from the USB flash memory disk

Claim 27. (new) The system of claim 25, wherein the computer (PC) does not install the software.

Claim 28. (new) The system of claim 25, wherein the software analyzes measured data and alerts the user

Claim 29. (new) The system of claim 17, wherein the measuring device is wearable by the user.

Claim 30. (new) The system of claim 18 wherein the computer networks is the Internet.

Claim 31. (new) The system of claim 17, wherein the measuring device is further comprising a movement sensor.

Claim 32. (new) The system of claim 31, wherein the movement sensor is adapted for measuring the user's breathing.

Claim 33. (new) The system of claim 17, wherein the measuring device is further comprising a smoke detector.

Claim 34. (new) The system of claim 17, wherein the measuring device is further comprising a burglary alarm

Claim 35. (new) The system of claim 17, wherein the computer standard port is a USB port.

Claim 36. (new) A portable wireless gateway suitable for use within a remote medical monitoring system that comprises a measuring unit, a computer connected to a computer network and a central server connected over the computer network, the portable wireless gateway comprising:

- a wireless communication unit;
- a non-volatile memory module;
- a computer interface module; and
- a processing unit,

wherein after connecting the portable wireless gateway to the computer the portable wireless gateway communicatively coupled via the wireless communication unit with the measuring unit, and in response to instructions, the processing unit being operable to receiving

physiological data from the measuring unit through the wireless communication unit; processing the received physiological data and transferring the processed physiological data to the computer via the computer interface module,

whereby connecting the portable wireless gateway to a computer the computer becomes a part of the remote medical monitoring system during the period of the connection.

Claim 37. (new) The portable wireless gateway of claim 36, wherein the connection between the portable wireless gateway and the computer is USB connection.

Claim 38. (new) The portable wireless gateway of claim 36, wherein the portable wireless gateway is in a shape of a USB flash disc device.

Claim 39. (new) The portable wireless gateway of claim 36, wherein the non-volatile memory module stores personal information of the user.

Claim 40. (new) The portable wireless gateway of claim 36, wherein the non-volatile memory module stores the software that will be operated by the computer for operating the remote medical monitoring system while connected to the portable wireless gateway.